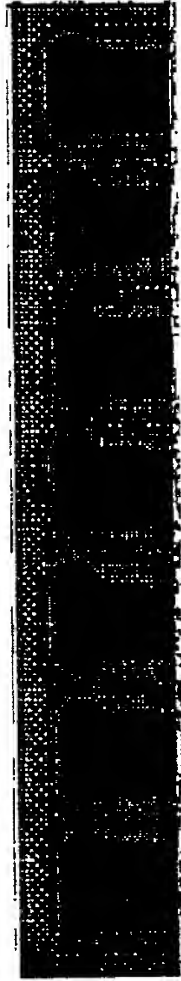


THE UNIVERSITY OF CHICAGO LIBRARY

Antibiotic	-	Inh	Inh	Inh	Emb	Strep	Rif
		0.01	0.1	1.0			



ini A



16 S

Figure 1

Figure 2A

Strain *M. tuberculosis* (Erdman)

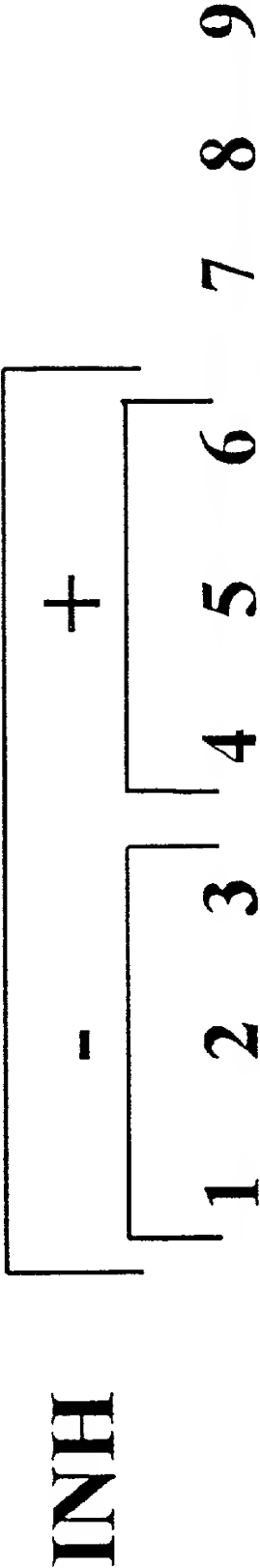


Figure 3

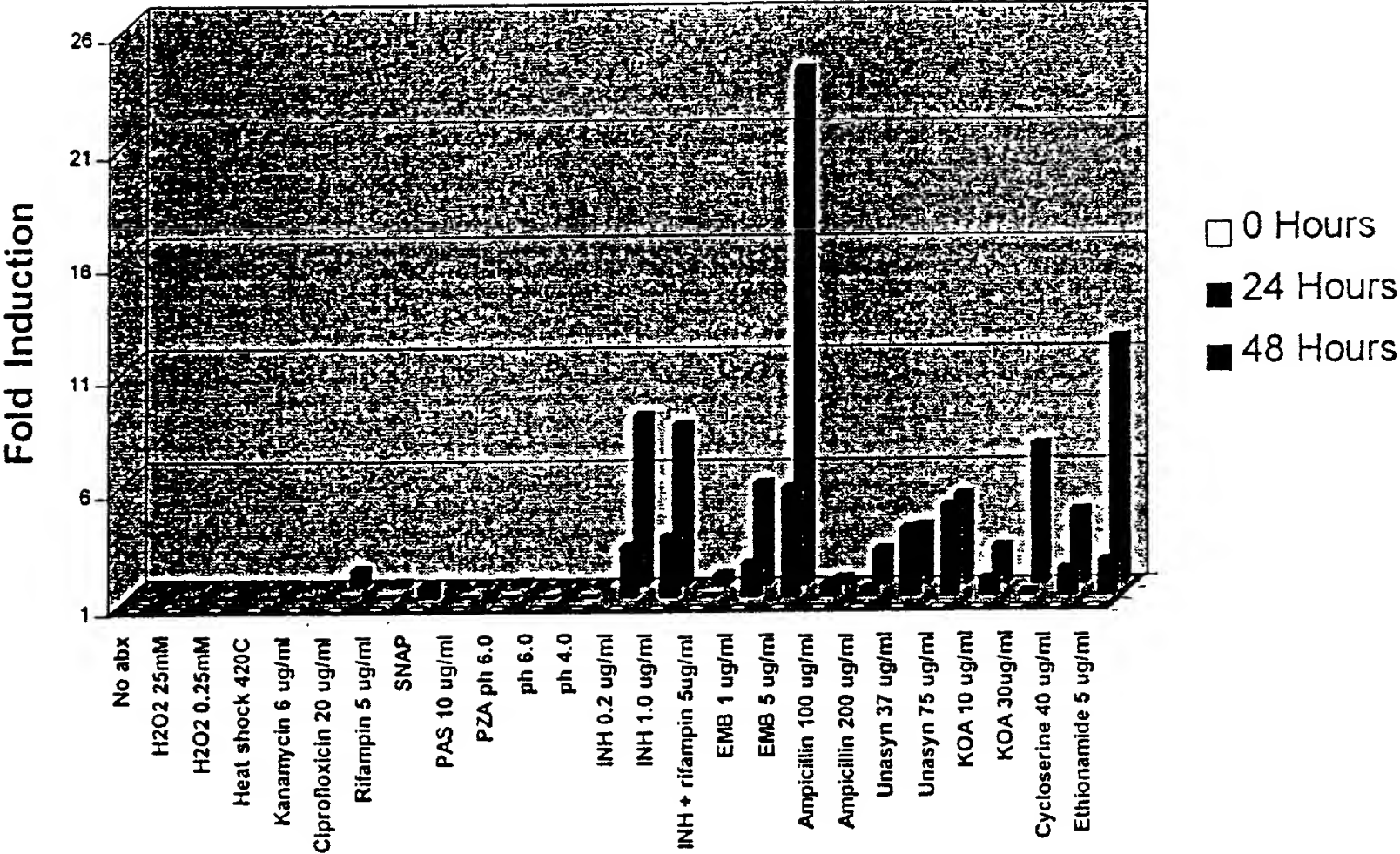


Figure 4

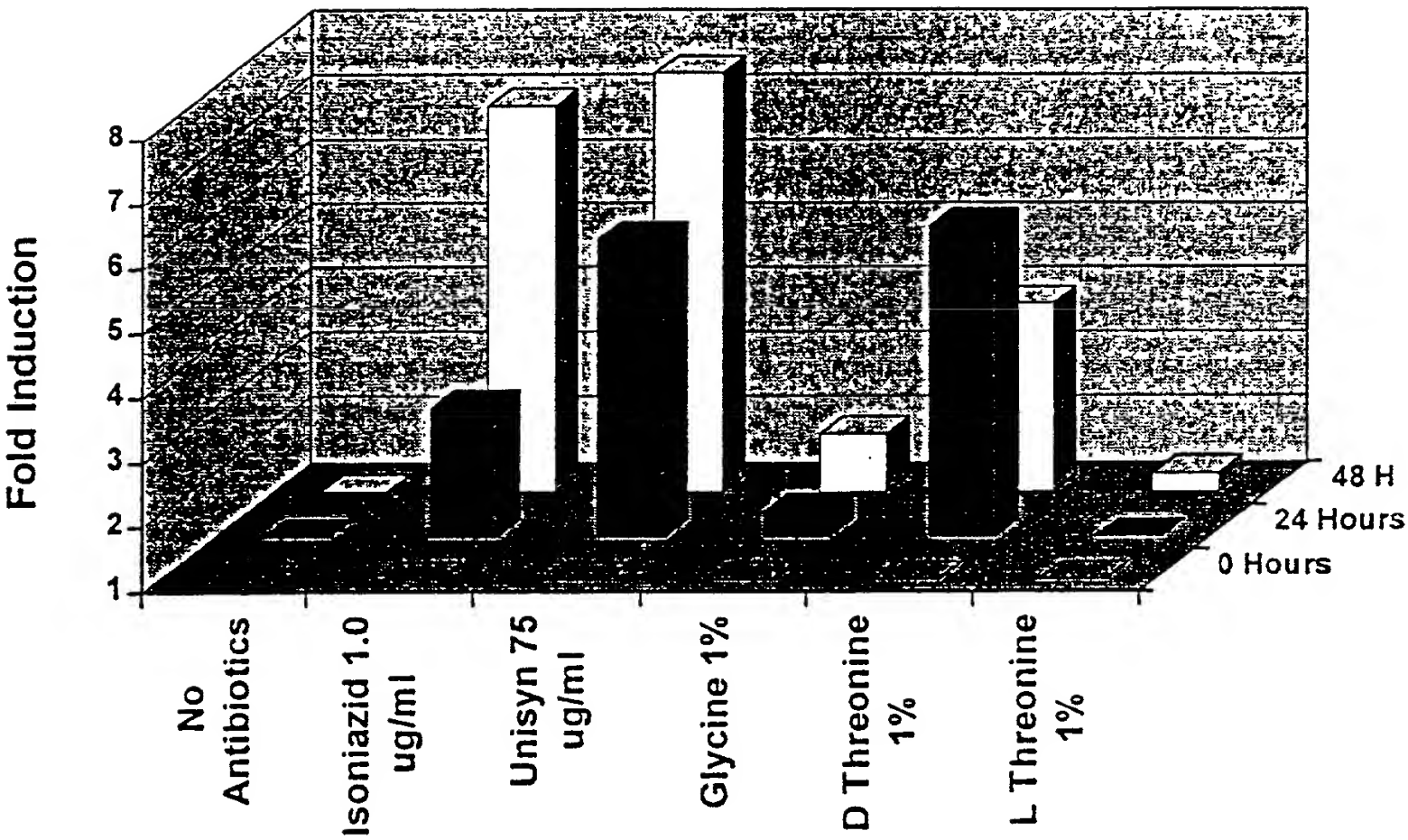


Figure 5

Luciferase induction by iniA promoter

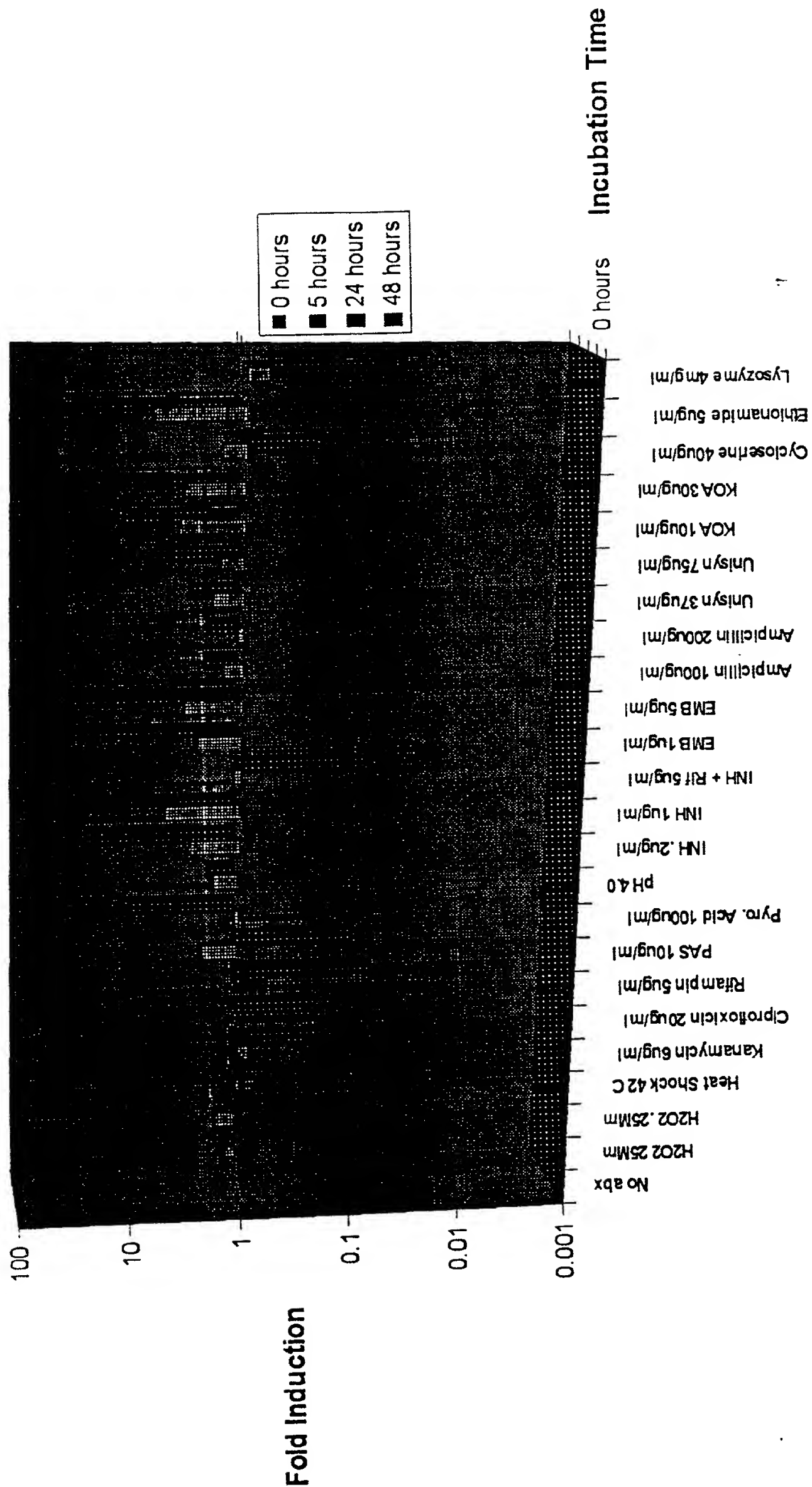


Figure 6A

Cosmid MTCY279:

9048 cac ggctacgaca
9061 tccacggata agttccggac cggcgtaggg gtgccccatt

Cosmid MTY13E10:

1 tcccctaate ccctaacgag gcggccaggc cgatcccgat aggtgtttgg ccggcttgag
61 gatcagaccc cgatttcggg gtgaggcgga atccatagcg tcgatggcac agcgccggtc
121 acgcccggca acagcttctt cgattgaagg gaaatgaaga tgacctcgt tategattac
181 atcctgagcc tgttccgcag cgaagacgcc gcccggtcgt tcgttgccgc tccgggacgg
241 gccatgacca gtgccgggct gatcgatata gcgcccgcac aaatctcatc ggtggcgggc
301 aatgtgggtc cgggtctgaa tctgggtgcc ggcgacccca tgagcggatt gcggcaggcc
361 gtcgccgctc ggcatggctt tgcgcaggac gtcgccaatg tcggcttcgc cggtagcgcg
421 ggcgccggggg tggcaagcgt catcacgacc gatgtcggtg cgggcctggc tagcggactg
481 ggtgctgggt tctgggtca ggggtggcctg gctctcgccg cgtcaagcgg tggtttcggc
541 ggtagggtcg gcttgggtgc ccaggtcggt ctgggtttta ctgccgtgat tagggccgag
601 gtcggcgctc aggttgggtc tgggttaggt attgggacgg gtctgggtgc tcaggccggt
661 atgggctttg gcggcggggg tggcctgggt ctgggtggtc aggcggcgcg tgtgatcgg
721 gggagcgcgg ccggggctat cgggtccggc gtcggcggtc gcctaggcgg caatggccag
781 atcggagttg ccggccaggg tgcggtggc gctggtgctg gcgctggtgt cggcgggcag
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901 gtcagcggcc tgaccggggg cagcagcaac gcagtgttgg ctccaacgc aagcggccag
961 gcgggggtga tcgccagtga aggcgctgcc ttgaacggcg ctgctatgcc tcattctgctg
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1201 ggggtcgggc gggcacacgg cgacatcctg ggccacgagg gagccgact gggcagtgct
1261 gacacggtca acgcccgtgt cagccccgtc gagcatggct tggctctgcc cagtggcccc
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1441 gttacccaac cgcagcacac gccggtcgag ccgcccgtcc acgataagcc gccgagccat
1501 tcggtgtttg acgtcggtca cgagccggcg gtgacgcaca cgcccgcggc gccatcgaa
1561 ctgccgtcgt acggcctttt cggactacce gggttctgat tcgcgagccg atttcacgaa
1621 ccggtgggga cgttcatggt ccccgccggt ttgtgcgcat accgtgatct gaggcgtaaa
1681 cgagcgagaa agtggggcga cacggtgacc cagcccgatg acccagctcg ggtcggtgtg
1741 atcgtcgaac tgatcgatca cactatcgcc atcgccaaac tgaacgagcg tggtagtcta
1801 gtacagcggg tgacgcgggc tcgccagcgg atcaccgacc cgcaggtccg tgtggtgatc

Figure 6B

1861 gccgggctgc tcaaacaggg caagagtcaa ttgctcaatt cgttgctcaa cctgcccgcg
1921 gcgcgagtag gcgatgacga ggccaccgtg gtgatcaccg tcgtaagcta cagcgcccaa
1981 ccgtcggccc ggcttggtgct ggccgcccggg cccgacggga caaccgcagc ggttgacatt
2041 cccgtcgatg acatcagcac cgatgtgcgt cgggctccgc acgccggtgg ccgcgaggtg
2101 ttgcgggtcg aggtcggcgc gccagccccg ctgctgcccgg gcgggctggc gtttatcgat
2161 actccgggtg tgggcggcct cggacagccc cacctgtcgg cgacgctggg gctgctaacc
2221 gaggccgatg ccgtcttggg ggtcagcgac accagccagg aattcaccga acccgagatg
2281 tggttcgtgc ggcaggccca ccagatctgt ccggtcgggg cggctcgtggc caccaagacc
2341 gacctgtatc cgcgctggcg ggagatcgtc aatgccaatg cagcacatct gcagcggggc
2401 cgggttccga tgccgatcat cgcagtctca tcaactgttc gcagccacgc ggtcacgctt
2461 aacgacaaag agctcaacga agagtccaac ttccggcgga tcgtcaagtt tctcagcgag
2521 caggtgcttt cccgcgcgac ggagcgagtg cgtgctgggg tactcggcga aatacgttcg
2581 gcaacagagc aattggcggg gtctctaggt tccgaactat cgggtggtcaa cgaccggaac
2641 ctccgtgacc gacttgcttc ggatttgag cggcgcaaac gggaagccca gcaggcgggtg
2701 caacagacag cgctgtggca gcaggtgctg ggcgacgggt tcaacgacct gactgctgac
2761 gtggaccacg acctacgaac ccgttccgc accgtcaccg aagacgccga gcgccagatc
2821 gactcctgtg acccgactgc gcattgggccc gagattggca acgacgtcga gaatgcgatc
2881 gccacagcgg tcggcgacaa ctctgtgtgg gcataccagc gtccgaagc gttggccgac
2941 gacgtcgtc gctcctttgc cgacgcgggg ttggactcgg tctgtcagc agagctgagc
3001 cccacgtca tgggcaccga ctccggccgg ctcaaagcgc tgggcccggat ggaatcgaaa
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3181 gccgggttga tctcggccg gatggcatat aaagaggaca aacaaaaccg gttgctgcgg
3241 gtgcgcagcg aggccaaggc caatgtgcgg cgcttcgtc acgacatttc gttcgtcgtc
3301 agcaaacaat cacgggatcg gctcaagatg atccagcgtc tgctgcgcga ccactaccgc
3361 gagatcgccg aagagatcac ccggtcgtc accgagtcct tgcaggcgac catcgcggcg
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3841 atcgcgccgg tcgacgcgcc aacgtgccga tcacctcgc gggcgggctg agtttcgacc
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3961 tcatcgacgc caccattgtt gacaccccgg gaacgtcgtc gttggcatgc gatgcctccg
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4141 tcggcgggtc ggtgggagcc ctgggcatca tcggggtggc gtctcgcgcg gatgagatcg
4201 gcgcggggcc catcgacgcg atgctctcgg ccaacgacgt ggccaagcgg ttcaccgcg
4261 aactgaacca gatgggcatt tgccaggcgg tgggtccggt atccggactt cttgcgtga

Figure 6C

4321 ccgcgcgcac actgcgccag accgagttca tcgcgctgcg caagctggcc ggtgccgagc
4381 gcaccgagct caatagggcc ctgctgagcg tggaccgttt tgtgcgccgg gacagtccgc
4441 taccggtgga cgcgggcac cgtgcgcaat tgctcgagcg gtteggcatg tteggcatcc
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4861 ggctgggcct ggatcccgcg aattctcgcg aggccccgcg cgccgcgctg gccgcagcgc
4921 aacactggcg tcgccgtgcg gcgcatccac tcaacgatcc gttcactacc agggcctgtc
4981 gcgcggcggt gcgcagcgcc gaggcgatgg tggcggagtt ctctgctcgc cgctga

52960.1

Figure 7

Rv0341 (iniB)

MTSLIDYILSLFRSEDAARSFVAAPGRAMTSAGLIDIAPHQISSVAANVVPGLNLGAGDPMSG
RQAVAAARHGFAQDVANVGFAGDAGAGVASVITTDVGAGLASGLGAGFLGQGGLALAASSGG
FGGQVGLAAQVGLGFTAVIEAEVGAQVGAGLGIGTGLGAQAGMGFGGGVGLGLGGQAGGVI
GGSAAAGAIGAGVGGRLGGNGQIGVAGQGAVGAGVGGQAGIASQIGVSAGGGGLGGVGN
VSGLTGVSNAVLASNASGQAGLIASEGAALNGAAMPHLSGPLAGVGVGGQAGAAGGAGLG
FGAVGHPTPQPAALGAAGVVAKTEAAAGVVGGVGGATAAGVGGAHGDILGHEGAALGSVDT
VNAGVTPVEHGLVLPSPGLIHGGTGGYGGMNPPVTDAPAPQVPARAQPMTTAAEHTPAVTQ
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Rv0342 (iniA)

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DGTAAVDIPVDDISTDVRRAHAGGREVLRLVEVGAPSPLLRGGLAFIDTPGVGGGLGQPHLSA
TLGGLPEADAVLVSDTSQEFTEPEMWFVRQAHQICPVGAVVATKTDLYPRWREIVNANAHA
LQRARVPMPIIAVSSLLRSHAVTLNDKELNEESNFPKFLSEQVLSRATERVRAGVLGEIRSA
TEQLAVSLGSELSVNDPNLRDLASDLERRKREAAQAVQQTALWQQVLGDGFNDLTADVD
HDLRTRFRTVTEDAERQIDSCDPTAHWAEIGNDVENAIATAVGDNFVWAYQRSEALADDVA
RSFADAGLDSVLSAELSPHVMGTDFGRLKALGRMESKPLRRGHKMIIGMRGSYGGVVMIGML
SSVVLGLFNPLSVGAGLILGRMAYKEDKQNRLLRVRSEAKANVRRFVDDISFVVSQSRDRL
KMIQRLLRDHYREIAEEITRSLTESLQATIAAAQVAETERDNRIRELQRQLGILSQVNDNLGL
EPTLTTPRASLGRA

Rv0343 (iniC)

MSTSDRVRAILHATIQAYRGAPAYRQRGDVFCQLDRIGARLAEPLRIALAGTLKAGKSTLVNAL
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PRAALAAQHWRRRAAHPLNDPFTTRACRAAVRSAEAMVAEFSARR